

1 20040058485  
4 (((dissolve or dissolved or dissolving) near2 nitride) with organic)  
11 ((air or oxygen or bubble or void or cave) adj (over) adj (gate))  
8 S59 not S58  
19 ((air or oxygen or bubble or void or cave) adj2 (over) adj (gate))  
8 S60 and (@(ad<"20030829" or @rlad<"20030829")  
30 ("6124177" "6251737" "6169017") and (@(ad<"20030829" or @rlad<"20030829")  
7 S64 and ((air or oxygen or bubble or void or cave or hollow) with spacer)  
8 (((air or oxygen or bubble or void or cave or hollow) adj spacer) with (gate))  
8 S62 and (@(ad<"20030829" or @rlad<"20030829")  
4 ("5407860" | "5915182" | "6093612" | "6228763").PN.  
1 ("6165890").PN.  
33 S67 and ("257"/\$3.cor.) or ("438"/\$3.cor.)  
2 S72 and (((air or oxygen or bubble or void or cave or hollow) near2 spacer))  
41 S82 and ("257"/\$3.cor.) or ("438"/\$3.cor.)  
5 ("06120253" "08107119" "09027505" "09330937" "10150054")  
3 ("10150054")  
1 (oshima.in.) and (oki.as.) and (t\$1type or (t near gate))  
7 ((oshima and tomyuki).in.)  
0 ((oshima and tomyuki).in.) and (oki.as.)  
8 (oshima.in.) and (oki.as.)  
0 S89 and (t\$1type or (t near2 (gate or electrode)))  
0 S89 and (t\$1type or (t near2 gate))  
41 S83 and ("257"/\$3.cor.) or ("438"/\$3.cor.)  
11 S101 and ("257"/\$3.cor.) or ("438"/\$3.cor.)  
0 S103 and (poly\$1methyl\$1glutarimide with spacer)  
3 (pmgi with spacer)  
19 S99 and ((air or bubble or cave or hollow or pocket ) with (gate or electrode))  
17 poly\$1methyl\$1glutarimide and ((257"/\$3.cor.) or ("438"/\$3.cor.))  
18 S100 and (@(ad<"20030829" or @rlad<"20030829")  
12 S114 and ("257"/\$3.cor.) or ("438"/\$3.cor.) and (@(ad<"20030829" or @rlad<"20030829" or @rlad<"20030829", US-PGPUB; USPAT  
4 S116 and ("257"/\$3.cor.) or ("438"/\$3.cor.) and (@(ad<"20030829" or @rlad<"20030829", US-PGPUB; USPAT  
0 S118 and ((air or bubble or cave or hollow or pocket ) with (gate or electrode) not (l1d or v US-PGPUB; USPAT  
2 S118 and ((fringe ) with (gate or electrode))  
0 ((organic near1 l1d) with (gate or electrode))  
0 ((organic near2 l1d) with (gate or electrode))  
1 ((organic near3 l1d) with (gate or electrode))

2 ((organic near3 pmd) with (gate or electrode))  
3 US-PGPUB; USPAT  
31 ((organic with pmd) with (gate or electrode))  
US-PGPUB; USPAT  
S129 and (organic with (good or better))  
US-PGPUB; USPAT  
0 S129 and (organic with (provide))  
US-PGPUB; USPAT  
0 S129 and (organic with (since))  
US-PGPUB; USPAT  
0 (organic adj pmd)  
US-PGPUB; USPAT  
3 (organic adj pre\$metal)  
US-PGPUB; USPAT  
22 (organic with pmd)  
US-PGPUB; USPAT  
23 S129 and (organic with (providing))  
US-PGPUB; USPAT  
22 (organic with gate with sog)  
US-PGPUB; USPAT  
28 ("5448086" | "5698888" | "5856217" | "5891783").PN.  
US-PGPUB; USPAT  
4 S149 and (@ad<"20030829" or @rlad<"20030829") and ("257"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.) or ("438"/\$3.cor.)  
US-PGPUB; USPAT  
23 S149 and (@ad<"20030829" or @rlad<"20030829") and ("257"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)  
US-PGPUB; USPAT  
1 6100555 and (@ad<"20030829" or @rlad<"20030829") and ("257"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)  
US-PGPUB; USPAT  
29 S155 not S150  
US-PGPUB; USPAT  
29 S154 and (@ad<"20030829" or @rlad<"20030829") and ("257"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)  
US-PGPUB; USPAT  
4 (organic with inter\$1layer with gate not ((gate adj (dielectric or insulator or insulating or ins)  
US-PGPUB; USPAT  
35 S161 and (@ad<"20030829" or @rlad<"20030829") and ("257"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)  
US-PGPUB; USPAT  
31 S162 not (S155 or S150)  
US-PGPUB; USPAT  
0 ((low\$1k or low\$1permittivity) with gate not ( gate adj (dielectric or insulator or insulating  
US-PGPUB; USPAT  
0 ((low\$1k or low\$1permittivity) with gate not ((gate adj (dielectric or insulator or insulating o  
US-PGPUB; USPAT  
35 S177 not (ff or thin\$1film)  
US-PGPUB; USPAT  
31 ((spin\$1on near gate) same organic)  
US-PGPUB; USPAT  
0 ((spin\$1on near2 gate) same organic)  
US-PGPUB; USPAT  
4 ((spin\$1on with gate) same (spin\$1on with organic))  
US-PGPUB; USPAT  
22 ((spin\$1on with gate) same (spin\$1on with organic))  
US-PGPUB; USPAT  
18 S181 and (@ad<"20030829" or @rlad<"20030829") and ("257"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)  
US-PGPUB; USPAT  
16 S182 not S180  
US-PGPUB; USPAT  
1 (arc with ( used or using or use) near (pmd or lid))  
US-PGPUB; USPAT  
14 (arc with ( used or using or use) with (pmd or lid))  
US-PGPUB; USPAT  
33 S185 and (@ad<"20030829" or @rlad<"20030829") and ("257"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)  
US-PGPUB; USPAT  
11 S189 not S187  
US-PGPUB; USPAT  
4 (lid with gate) same (lid with organic))  
US-PGPUB; USPAT  
23 ashing with (oxygen adj plasma) with polyimide  
11 S188 and (@ad<"20030829" or @rlad<"20030829") and ("257"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)  
9 S194 and (@ad<"20030829" or @rlad<"20030829") and ("257"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)  
2 (ashing with (oxygen adj plasma) with (curve or curved))  
5 (ashing with (oxygen adj plasma) with (vertical))

0 (ashing with (oxygen adj plasma) with organic with iid)  
41 (ashing with iid)  
3 S201 and carbon.ti.  
0 (ashing with (oxygen adj plasma) with iid)  
12 (cave with gate) and ("257"/\$3.cor.) or ("438"/\$3.cor.))

0 US-PGPUB; USPAT  
41 US-PGPUB; USPAT  
3 US-PGPUB; USPAT  
0 US-PGPUB; USPAT  
12 US-PGPUB; USPAT